

IAP4 Rec'd PCT/PTO 17 NOV 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

AXELSSON et al

Atty. Ref.: 1916-75; Confirmation No. 1570

Appl. No. 10/510,455

TC/A.U. unknown

Filed: October 7, 2004

Examiner: unknown

For: HOMOGENEOUS CATHODE UNIT

\* \* \* \* \*

November 17, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REQUEST FOR WITHDRAWAL OF HOLDING OF ABANDONMENT**

Applicants are in receipt of a Notification of Abandonment mailed November 9, 2005, copy enclosed, in the above-identified patent application. Applicants received a copy of the Notice of Missing Requirements under 35 U.S.C. § 371 in the U.S. Designated/Elected Office dated March 10, 2005, requiring the submission of an Oath or Declaration by the inventors and assigning a two months response date.

On March 17, 2005, applicants filed a transmittal letter to the U.S. Designated/Elected Office in the above-identified application identified as a Second Submission and including a Declaration of the inventors as well as the fee for recording an Assignment. Copies of the transmittal letter and the Declaration attached to that transmittal letter are enclosed. Also enclosed is a copy of the U.S. Patent and Trademark Office postal receipt indicating receipt of those documents on March 17, 2005. Further, applicants enclose a copy of the undersigned's

AXELSSON et al  
Appl. No. 10/510,455  
November 17, 2005

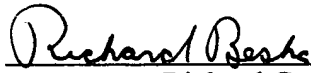
firm's log of papers transmitted to the U.S. Patent and Trademark Office on March 17, 2005.

Note that Dkt. No. 1916-75 bearing Serial No. 10/510,455 was logged as delivered to the Patent Office on that date. Applicants also enclose a copy of the docket entry in the undersigned's firm's docketing system indicating the filing of the Declaration on March 17, 2005.

Accordingly, applicants request that the holding of Abandonment be withdrawn and that the application be reinstated and examined on the merits.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By:   
Richard G. Besha  
Reg. No. 22,770

RGB:rrl  
901 North Glebe Road, 11th Floor  
Arlington, VA 22203-1808  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100



1916-75  
RUB

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/510,445	Folke Axelsson	1916-75

INTERNATIONAL APPLICATION NO.
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PCT/SE03/00548
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IA. FILING DATE	PRIORITY DATE
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04/04/2003	04/11/2002
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23117  
NIXON & VANDERHYE, PC  
901 NORTH GLEBE ROAD, 11TH FLOOR  
ARLINGTON, VA 22203

CONFIRMATION NO. 1570

371  
ABANDONMENT/TERMINATION  
LETTER



\*OC000000017425213\*

Date Mailed: 11/09/2005

### NOTIFICATION OF ABANDONMENT

The United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495) has made the following determination:

- Applicant has failed to respond to the notification of MISSING REQUIREMENTS (Form PCT/DO/EO/905), mailed 03/10/2005 within the time period set therein.

Therefore, the above identified application failed to meet the requirements of 35 U.S.C. 371 and 37 CFR 1.495, and is ABANDONED AS TO THE UNITED STATES OF AMERICA.

KAREN R MCLEAN

Telephone: (703) 308-9140 EXT 214

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/909 (371 Abandonment Notice)

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5.9  
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LIST OF DOCUMENTS SENT TO THE PTO

3/17/2005

Initials- TLM

	Atty.		Description Of Items Sent	Amount		Due Date		Docket Book Addition
1.	ARC	1207-114 ✓	NEW PCT/JP03/12256; KUBOTA; PRE AMEND; SPEC. CLMS, DRWGS, DEC, ASG. 1449	1040.00				CC
2.	Lsn	36-1841 ✓	10/506,181; STENTIFORD; REQ. FOR CORR FILE REC'T					
3.	LSN	922-121 ✓	9/764,412; POULTER; SUPP AMEND			4/14	9/14	
4.	DMB	4636-13 ✓	NEW PAT APP; PERLO; SPEC. CLMS, DRGS, DEC, ASG. PRI DOC, IDS. 1449 W/REFS	1040.00				CC
5.	LSN	36-1742 ✓	10/472,046; SCAHILL; STAT INQ.					
6.	LSN	233-107 ✓	10/036,518; MOR; ADD IND FORM					
7.	CC	4358-14 ✓	10/518,368; LEYVRAZ; STAT INQ.					
8.	RGB	4568-6 ✓	10/795,980; LYNNWORTH; IF, PUB	1700.00		3/20		CC
9.	RGB	1916-75 ✓	10/510,455; AXELSSON; DEC, ASG.	40.00		5/10	10/10	CK
10.	RAM	2333-72 ✓	9/893,510; FORSELL; IF, PUB	1012.00		3/17		CC
11.	LSN	2018-1009 ✓	11/038,440; WANG; REQ. CORR FILE REC'T					
12.	MNL	2018-588 ✓	10/207,841; SUZUKI; IF, PUB	1712.00		4/14		CC
13.	MNL	2018-746 ✓	10/625,683; SUGIURA; IF, PUB	1712.00		3/22		CC
14.	MNL	2635-120 ✓	10/178,767; KONDO; APPL BRF	500.00		4/10	9/10	CK
15.	FPP	2979-2 ✓	75/056,059; MCA; REQ. FOR REINSTATEMENT			5/7		
16.	FPP	2834-76 ✓	10/492,305; CHEONG; AMEND;			3/17	6/17	
17.	BHD	3952-53 ✓	10/127,701; MATULA; RCE, IDS, 1449 W/REFS	395.00		3/20		CC
18.	SCS	124-935 ✓	10/094,958; CROSSLAND; STAT INQ.					

Serial No.: 10/510,455  
Inventor/s: AXELSSON et al  
Title: HOMOGENEOUS CATHODE UNIT

C#/M#: 1916-75  
Atty: Richard G. Besha  
Date: March 17, 2005

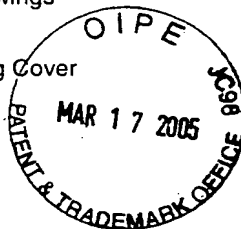
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- ☐ **Address Indication Form**
- ☐ Amendment
- ☐ Pages Specification, Claims & Abstract
- ☐ Claims;                Sheets of Drawings
- ☒ Declaration (2 Pages)
- ☒ Assignment (7 Pages) Including Cover
- ☐ Priority Document(s)
- ☐ Base Issue Fee Transmittal
- ☒ **Notice of Missing Parts**
- ☒ **Check Enclosed (\$40.00)**
- ☐ Credit Card Payment Form attached (\$        )
- Other:



PCMaster v3.03.01 - Master Data Center - [Patent]

File Edit Records Utilities Tools Help

Docket Number: 1916-0075  
Country: United States  
Case Type: Utility Appln.  
Relation Type: Original Filing  
Filing Type: PCT

Attorney: Richard G. Besha  
Attorney#2:  
Attorney#3:  
Client Name: ALBIHNS STOCKHOLM AB  
Assignee/Applicant: Auralight International AB  
Client Reference No: 67387-77446-DP/EFR

HOMOGENEOUS CATHODE UNIT

Inventors		PCT Publication No.	Related Cases	Title	Comus Related Case Info
Filing Data		CustomerNo/Product/Assoc.	R/F,PrioDoc,Corr US,Corr For	Actions/Due Dates	Misc/MGM/Trans/Abn/Comust
Action	Mail Date/Due Date	Rolled Date	Completed Date	Action Notes	
Nat'l Pha Appln Date	10/7/2004		10/7/2004		
Application Date (F)	10/11/2004		10/7/2004		
IDS Filed?	3/7/2005		2/7/2005	ddkt per rgb pink	
2MO Missg Req Mail	3/10/2005		3/10/2005		
Assignment Filed	3/17/2005		3/17/2005		
Missing Reqmnt Rec'd?	4/7/2005		3/10/2005		
Missing Parts Due	5/10/2005		3/17/2005		
Power From Assignee?	7/17/2005		7/17/2005	ddkt per rgb pink	
Filing Receipt Recv'd?	12/7/2005				
Office Action Received?	4/7/2006				
IDS Not Applicable					

Created: 10/5/2004 Updated: 11/7/2005 3:47 PM By: TLM

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BEST AVAILABLE COPY

FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER <b>1916-75</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)  <b>10/510,455</b>
INTERNATIONAL APPLICATION NO. <b>PCT/SE03/00548</b>	INTERNATIONAL FILING DATE <b>04 April 2003</b>	PRIORITY DATE CLAIMED <b>11 April 2002</b>

TITLE OF INVENTION

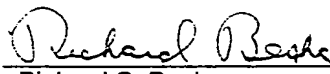
**HOMOGENEOUS CATHODE UNIT**

APPLICANT(S) FOR DO/EO/US

**AXELSSON et al**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
  2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
  3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.
  4. ☐ The U.S. has been elected (Article 31).
  5. A copy of the International Application as filed (35 U.S.C. 371(c)(2).
    - a. ☐ is attached hereto (        pages specification, claims & abstract (        claims),        sheets drawings).
    - b. ☐ has been communicated by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)
    - a. ☐ is attached hereto (        pages specification, claims & abstract (        claims),        sheets drawings,        page Certificate of Translation).
    - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
  7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)
    - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
    - b. ☐ have been communicated by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
    - d. ☐ have not been made and will not be made.
  8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3).
  9.
    - a. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4).
    - b. ☐ Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (        page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).
  10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5).
- Items 11 To 20 below concern document(s) or information included:**
11. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
  12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
  13.
    - a. ☐ A **FIRST** preliminary amendment.
    - b. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
  14. ☐ An Application Data Sheet under 37 C.F.R. § 1.76.
  15. ☐ A substitute specification.
  16. ☐ A change of power of attorney and/or address letter.
  17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
  18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
  19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
  20. ☐ Other items or information.

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/510,455</b>		INTERNATIONAL APPLICATION NO. <b>PCT/SE03/00548</b>		ATTORNEY'S DOCKET NUMBER <b>1916-75</b>	
<input checked="" type="checkbox"/> The following fees are submitted:					
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>					
<input type="checkbox"/> a) Basic national fee .....				\$300.00 (1631)/\$150.00 (2631)	\$
<input type="checkbox"/> b) Examination Fee .....				\$200.00 (1633)/\$100.00 (2633)	\$
<input type="checkbox"/> c) Search Fee .....				\$500.00 (1632)/\$250.00 (2632)	\$
<b>TOTAL OF ABOVE CALCULATIONS .....</b>				<b>\$1000.00/\$500.00</b>	\$ 0.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
0 -100	0	/50 = 0.00		\$0.00 (1681)	
				\$0.00 (2681)	
Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					
CLAIMS		NUMBER FILED	# EXTRA	RATE	
Total Claims		minus 20 =	0 X	\$50.00 (1615)/	\$25.00 (2615)
Independent Claims		minus 3 =	0 X	\$200.00 (1614)	\$100.00 (2614)
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)				\$360.00 (1616)/\$180.00 (2616)	
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)				\$ 0.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.					
Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).				+ 0.00	
				<b>TOTAL NATIONAL FEE =</b>	
				\$ 0.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property				+ \$ 40.00	
Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453)				\$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 40.00</b>	
				Amount to be: refunded \$	
				Charged \$	
a. <input checked="" type="checkbox"/> A check in the amount of \$40.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed. d. <input type="checkbox"/> <b>CREDIT CARD PAYMENT FORM ATTACHED.</b> e. <input checked="" type="checkbox"/> The entire content of International Application No. <b>PCT/SE03/00548</b> and any U.S. and foreign application(s) corresponding thereto, and _____, referred to in this application is/are hereby incorporated by reference in this application. <b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.</b> <b>CORRESPONDENCE ADDRESS</b> <b>Direct all correspondence to:</b> <input checked="" type="checkbox"/> <b>Customer Number:</b> <span style="border: 1px solid black; padding: 2px 20px;"><b>23117</b></span> <div style="text-align: center; font-size: small;">Type Customer Number here</div>					
Telephone: (703) 816-4000		 <b>Richard G. Besha</b> NAME			
RGB:ptc		22,770		March 17, 2005	
		REGISTRATION NUMBER		Date	



**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

I, a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

the specification of which (check applicable box(es)):

☐ is attached hereto  
☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ (Atty. Dkt. No. )  
☐ was filed as PCT International application No. \_\_\_\_\_ on \_\_\_\_\_  
and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):	Application Number	Country	Day/Month/Year Filed
	0201096-5	Sweden	11/04/2002

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
--------------------	-----------------------

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below:


Prior U.S./PCT Application(s):	Day/Month/Year Filed	Status: patented pending, abandoned
Application Serial No.		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-4000 (to whom all communications are to be directed) and the attorneys of: **Customer Number 23117**, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1.	Inventor's Signature: <u>Folke Axelsson</u>	Date: <u>5/10 2004</u>
	Inventor: Folke (first) AXELSSON (last) Swedish (citizenship)	
	Residence: (city) <u>RAMDALA</u> (state/country) <u>Sweden</u>	
	Mailing Address: <u>Brofastet Senoren</u>	
	(Zip Code) <u>S-373 02</u>	
2.	Inventor's Signature: <u>Patrik Olsson</u>	Date: <u>5/10 2004</u>
	Inventor: Patrik (first) OLSSON (last) Swedish (citizenship)	
	Residence: (city) <u>RAMDALA</u> (state/country) <u>Sweden</u>	
	Mailing Address: <u>Havamalsväg 7</u>	
	(Zip Code) <u>S-372 02</u>	

**[ x ] See attached sheet(s) for additional inventor(s) information!!**

Serial No.  
Page 2

3. Inventor's Signature:  Date: 5/10 2004  
Inventor: Mikael SEVERINSSON Swedish  
(first) (last) (citizenship)  
Residence: (city) RÖDEBY (state/country) Sweden  
Mailing Address: Sandvägen 4  
(Zip Code) S-370 30
4. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) MI (last) (citizenship)  
Residence: (city) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_
5. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) MI (last) (citizenship)  
Residence: (city) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_
6. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: \_\_\_\_\_  
(first) MI (last) (citizenship)  
Residence: (city) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.